

# Converting Colors

Hex(BD279A)

Have a look what the booklet for  
Hex(BD279A) contains.

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# Color

**Hex(BD279A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BD279A
RGB	189, 39, 154
RGB Percent	74%, 15%, 60%
CMY	0.2588, 0.8471, 0.3961
CMYK	0.00, 0.79, 0.19, 0.26
HSL	314°, 66%, 45%
HSV	314°, 79%, 74%
XYZ	27.5445, 14.6029, 31.9387
YIQ	96.9600, 52.4850, 67.5650

# Conversions

## Conversions Part 2

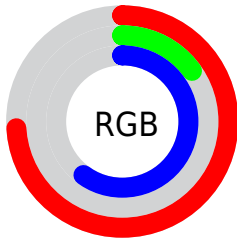
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	189, 39, 154
Decimal	12396442
CIE <sub>Lab</sub>	45.09, 67.58, -27.57
CIE <sub>LCh</sub>	45, 72.986, 337.808
Yxy	14.6029, 0.3718, 0.1971
Android (android.graphics.Color)	4290586522 (0xFFBD279A)
YUV	96.9600, 28.1207, 80.7191
Hunter-Lab	38.2138, 61.7887, -22.8044

# Details

The Hex color **BD279A** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **27BD4A**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **F966D1**, and **830066** is the 20% darker color. If you saturate the color by 10%, you get **BD1496**, and if you desaturate by 10%, it is **BD3A9E**.

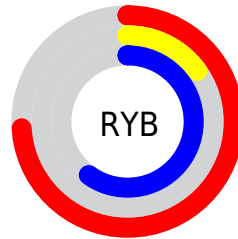
# Distribution



Red (74%)

Green (15%)

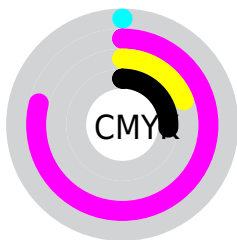
Blue (60%)



Red (74%)

Yellow (15%)

Blue (60%)

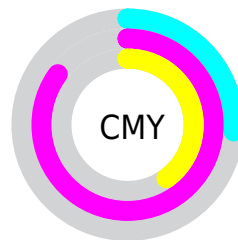


Cyan (0%)

Magenta (79%)

Yellow (19%)

Black (26%)



Cyan (26%)

Magenta (85%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD279A changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color BD279A by changing the saturation by 10% instead.



 BD279A

 BD279A

FFFFFF

 A00080

 F966D1

 830066

 FF83ED

 67004E

 FF9FFF

 4C0037

 FFBCFF

 310021

 FFDAFF

 060005

 FFF7FF

 000000

 BD279A

 BD279A

 BD1496

 BD3A9E

 BD0191

 BD4DA3

 BD0091

 BD60A7

 BD73AC

 BD86B0

 BD98B4

 BDABB9

 BDBEBD

 BDD1C2

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7C51CC



BD279A



D3015E

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



BD279A



746D00



0084B5

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



BD279A



27BD4A

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00847A



BD279A



2C7B00

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BD279A



A55600



008139



007DDC

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BD279A



CE2236



008139



0084A2



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



BD279A



F5BAE7



4A27BD



7A5772



FAFAFA



7A7A7A



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



BD279A



F50CBF



BD274F



5E555C



9E0079



1F0017



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



BD279A



F50CBF



27BD95



5E555C



9E0079



1F0017



# Previews

## White Background



This preview shows how the Hex color BD279A looks on a white background.

## Color Contrast Check

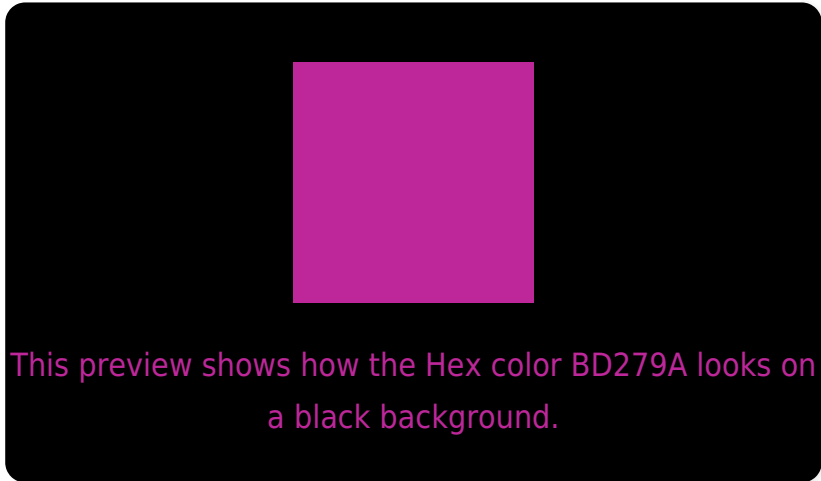
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

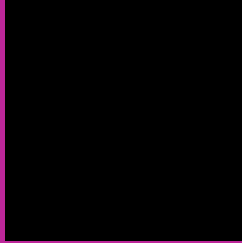
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BD279A Background



This preview shows how black text looks on a background with the Hex color BD279A.



This preview shows how white text looks on a background with the Hex color BD279A.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
BD279A



**Protanomaly**  
6450BC



**Deuteranomaly**  
825294

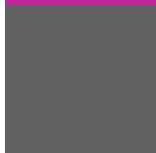


**Tritanomaly**  
B93A66

# Monochromacy



**Original Color**  
BD279A



**Achromatopsia**  
616161



**Achromatomaly**  
824C76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD279A is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #BD279A looks like.

```
.text, #text, p{  
    color:#BD279A  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #BD279A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD279A
}
```

## Border

The CSS property to change the border of an element to Hex BD279A is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD279A }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#BD279A }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #BD279A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD279A; -webkit-box-shadow:4px 4px  
4px 4px #BD279A; box-shadow:4px 4px 4px  
4px #BD279A }
```

# Background

The CSS property to change the background color of an element to Hex BD279A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD279A }
```

If only the background color should be changed can be used:

```
.background{ background-color:#BD279A }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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